



Figure 1

5

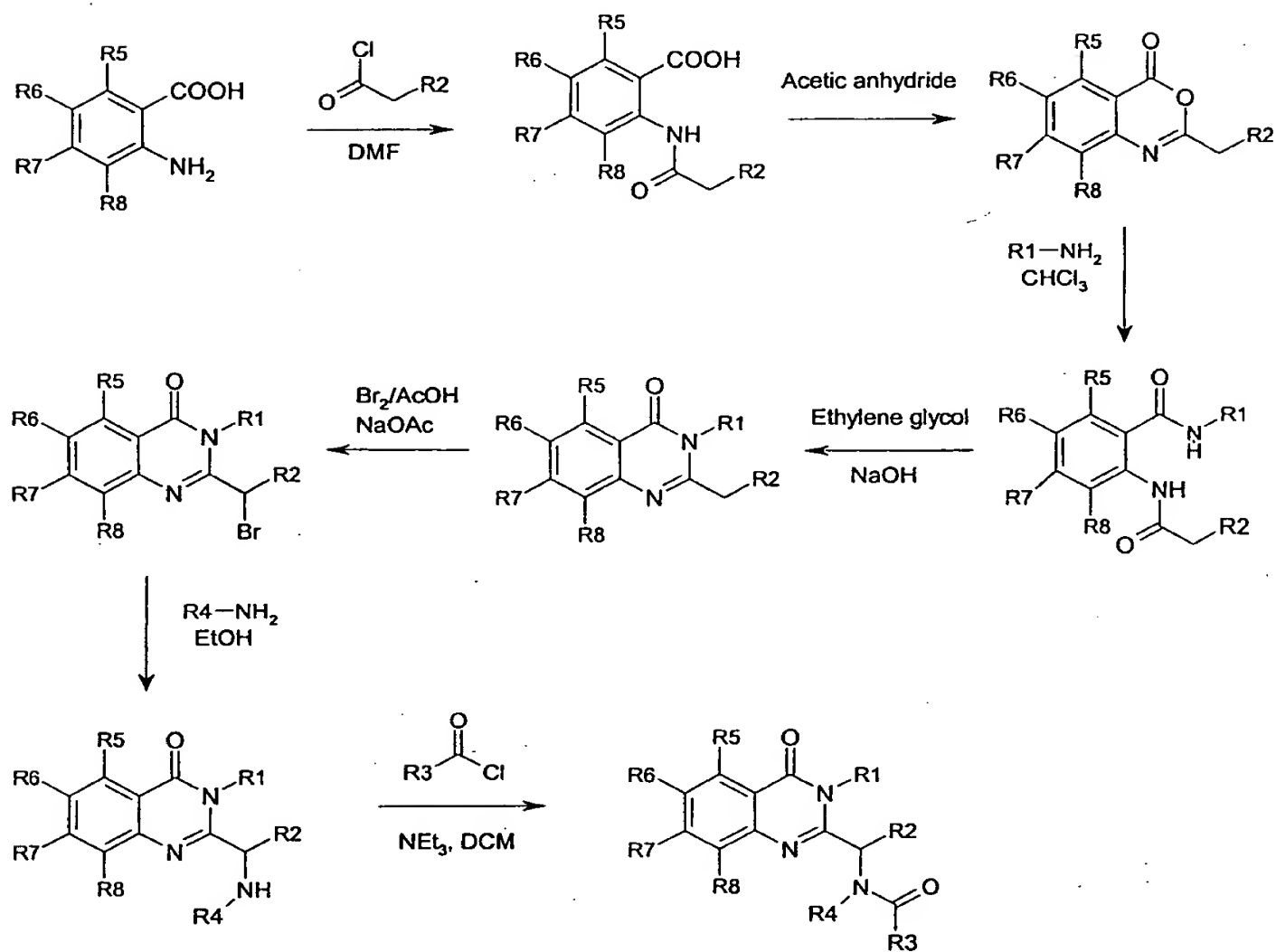
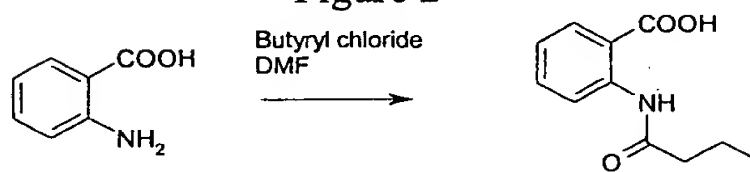
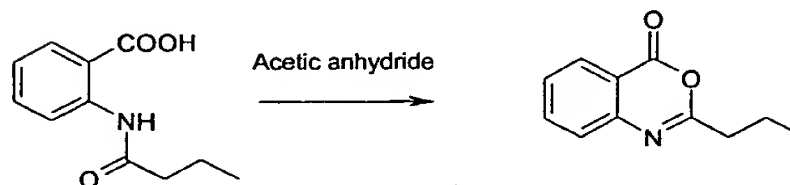


Figure 2

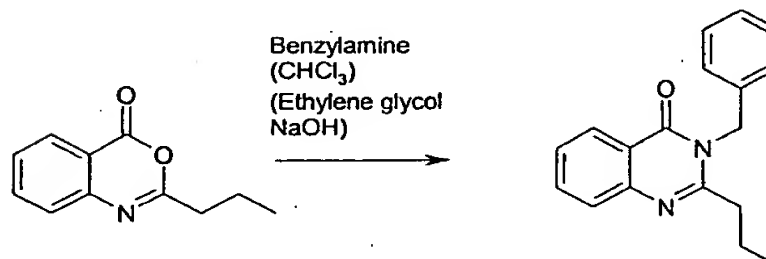
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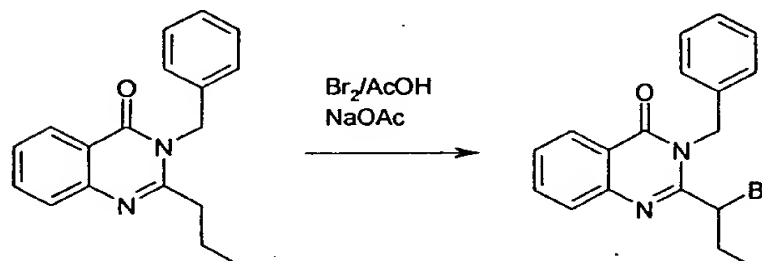
Step 2:



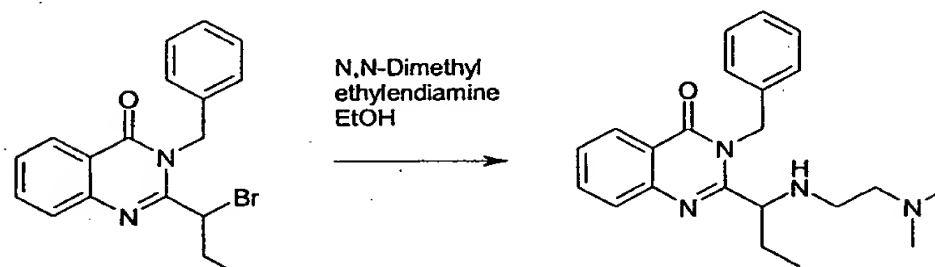
Step 3:



Step 4:



Step 5:



Step 6:

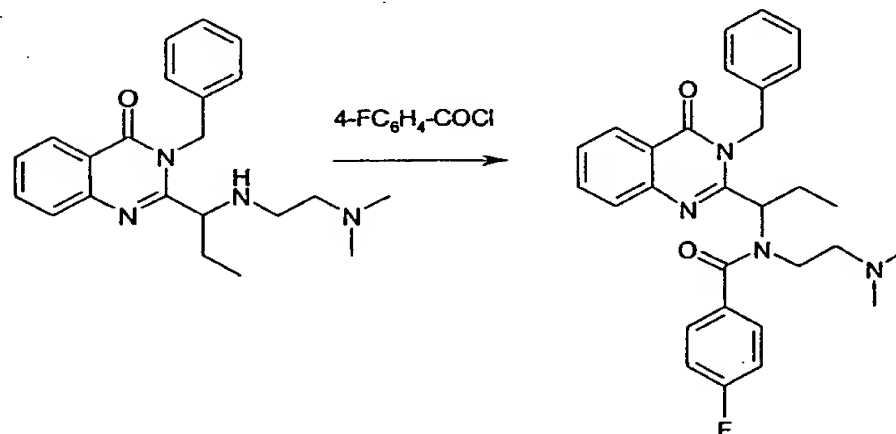


Figure 3

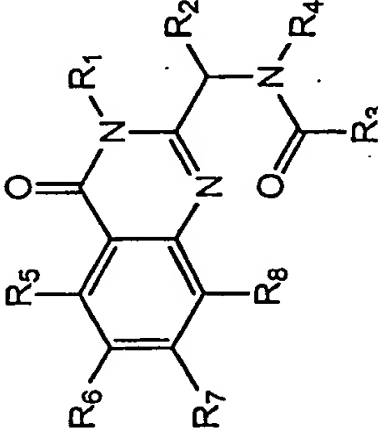
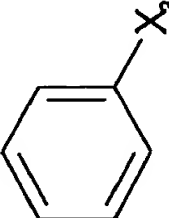
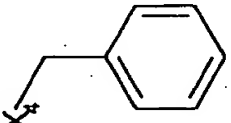
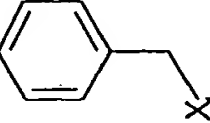
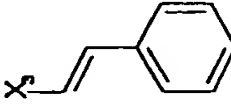
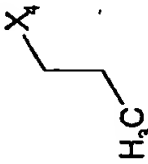
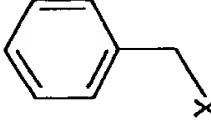
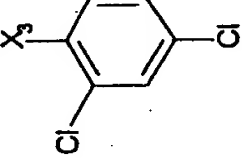
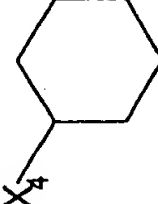
								
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
	CH ₃ -X ₂					Cl-X ₇		%I > 35% @ 40 uM
	X ₂ -CH ₃							%I > 35% @ 40 uM
	X ₂ -CH ₃							%I > 35% @ 40 uM

Figure 3 (continued)

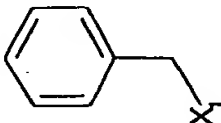

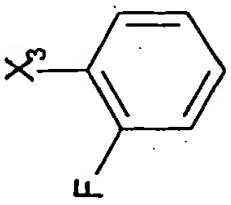
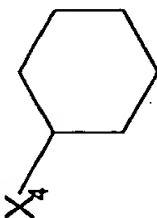
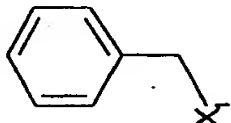

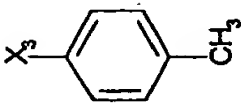
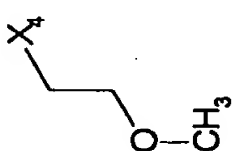
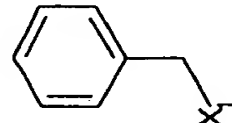

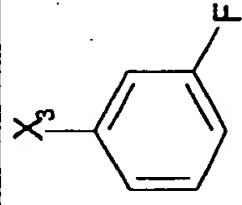
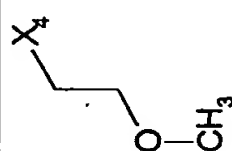
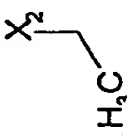
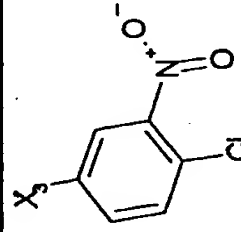
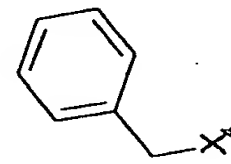
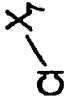
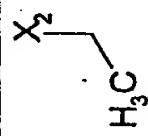
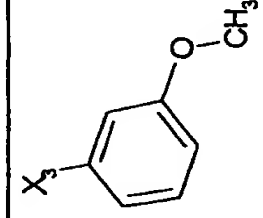
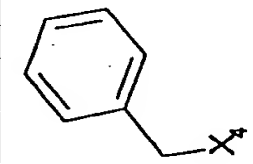
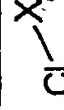
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

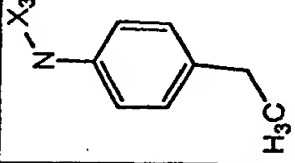
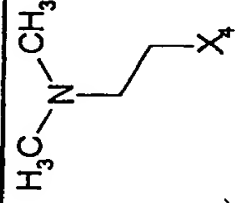
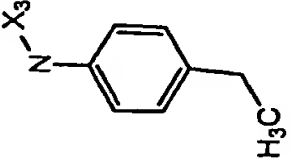
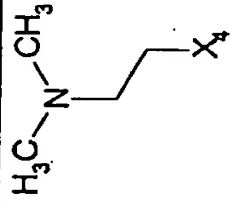
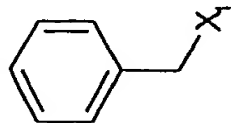
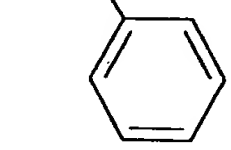
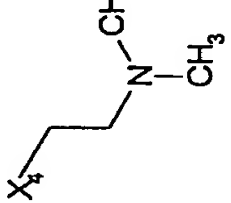
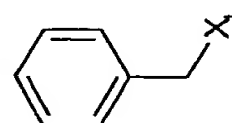
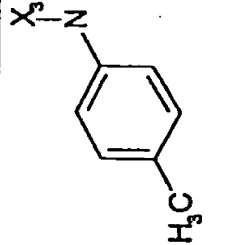
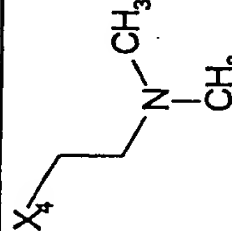
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
	X_2CH_3					X_7Cl		%I > 35% @ 40 uM
	X_2CH_3					X_7Cl		%I > 35% @ 40 uM
	$\text{H}_3\text{C}-\text{CH}_2-\text{X}_2$							%I > 35% @ 40 uM
	$\text{H}_3\text{C}-\text{CH}_2-\text{X}_2$							%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
	H ₃ C-X ₂							%I > 35% @ 40 uM
	H ₃ C-X ₂							%I > 35% @ 40 uM
	H ₃ C-X ₂							%I > 35% @ 40 uM
	H ₃ C-X ₂							%I > 35% @ 40 uM
	H ₃ C-X ₂							%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

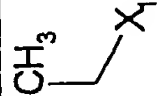

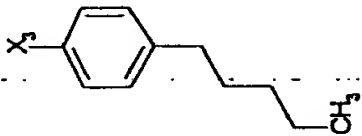
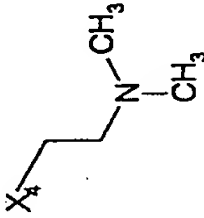

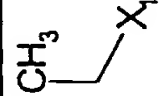
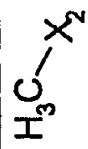
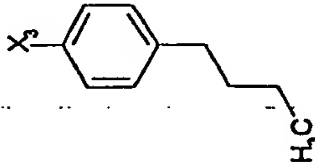
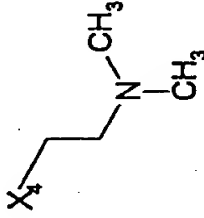

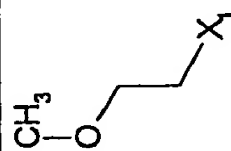

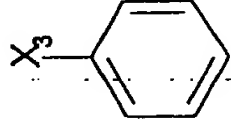
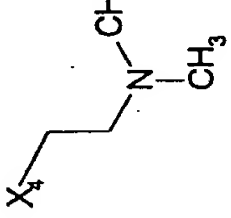
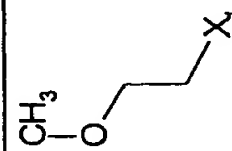

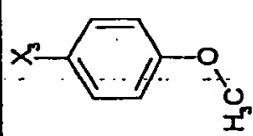
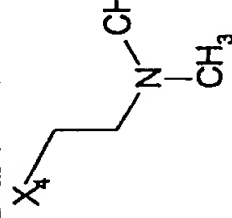
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

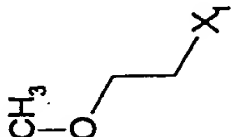

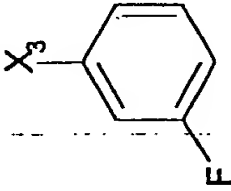
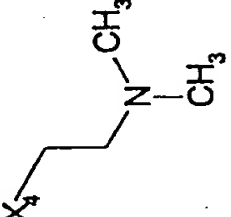
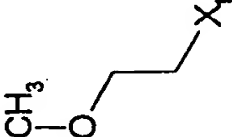

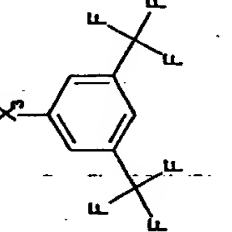
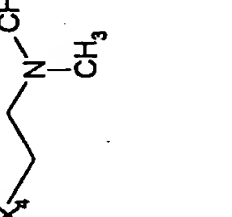
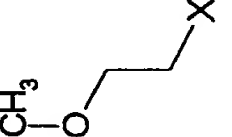

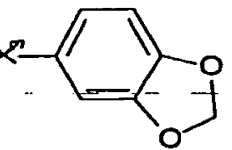
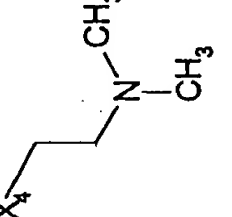
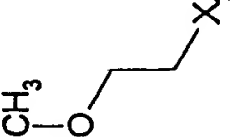

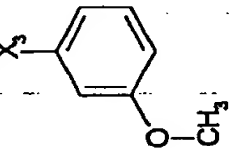
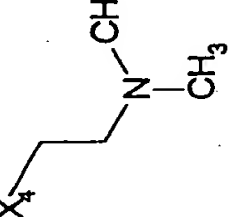
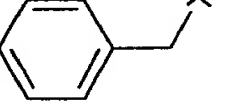

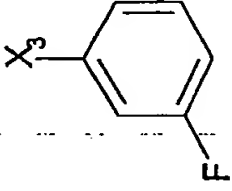
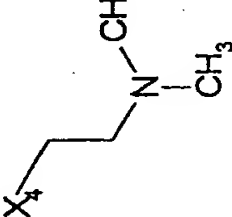
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)


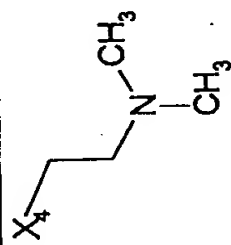
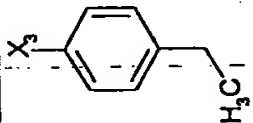
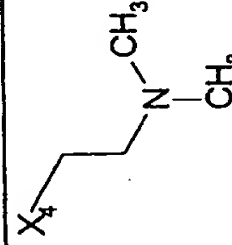
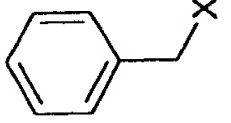
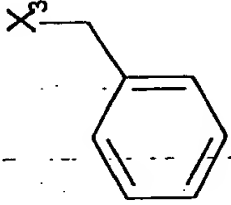
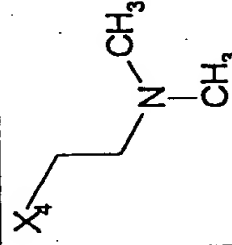
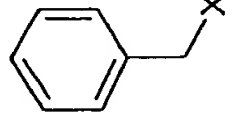
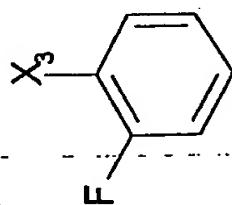
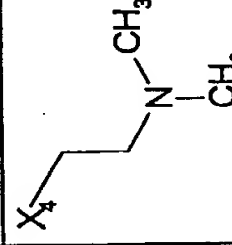
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
H ₃ C-X ₁	H ₃ C-X ₂					X ₇ -Cl		%I > 35% @ 40 uM
H ₃ C-X ₁	H ₃ C-X ₂					X ₇ -Cl		%I > 35% @ 40 uM
	H ₃ C-X ₂							%I > 35% @ 40 uM
	H ₃ C-X ₂							%I > 35% @ 40 uM

Figure 3 (continued)

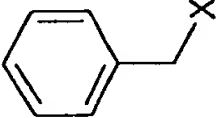

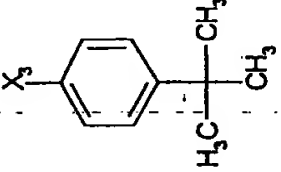
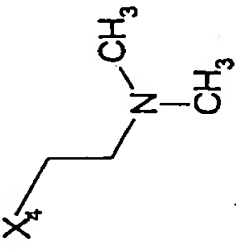
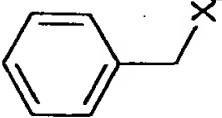

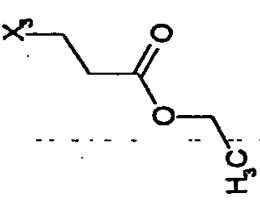
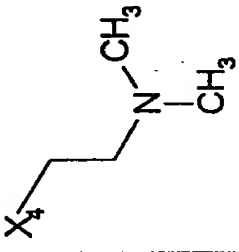
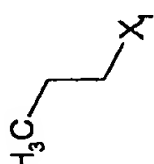

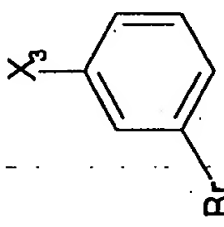
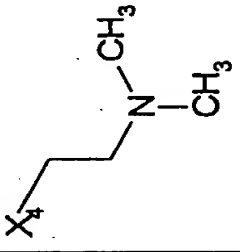
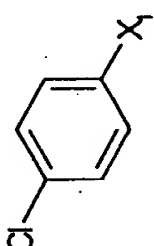
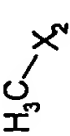
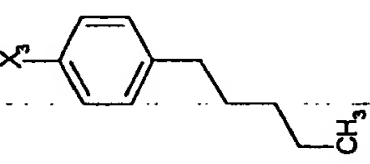
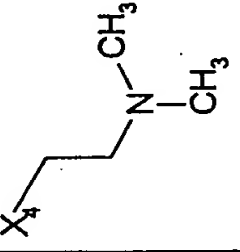
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

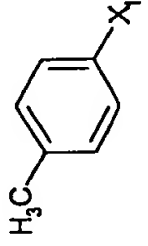

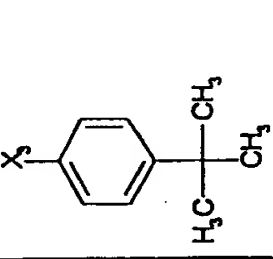
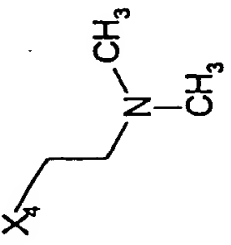
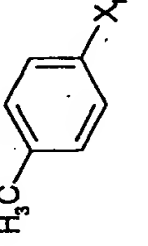

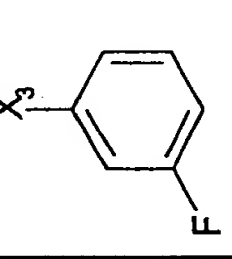
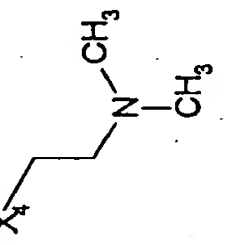
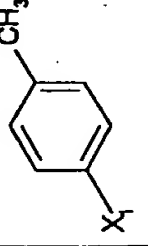

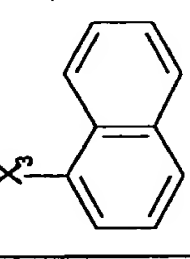
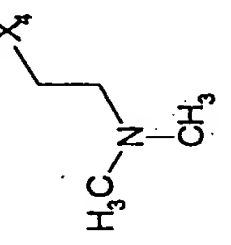
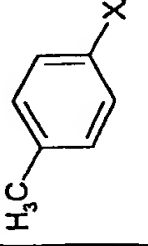
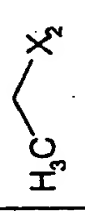
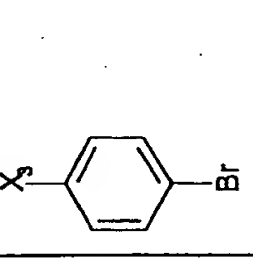
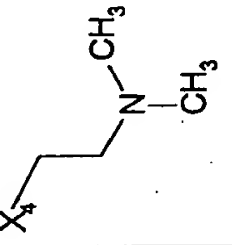
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
	H ₃ C-X ₂							%I > 35% @ 40 uM
	H ₃ C-X ₂							%I > 35% @ 40 uM
	H ₃ C-X ₂							%I > 35% @ 40 uM
	H ₃ C-X ₂							%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

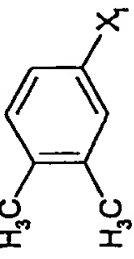

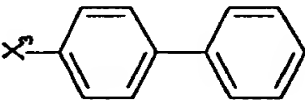
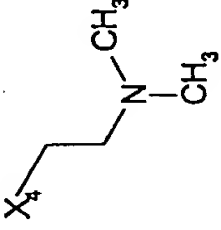
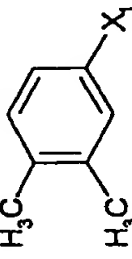

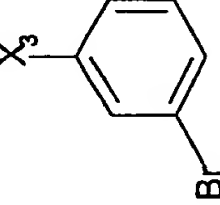
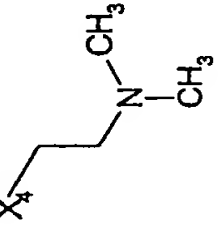
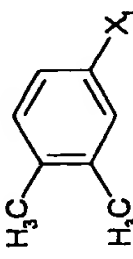

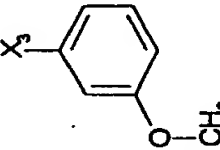
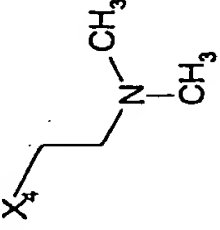
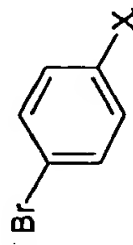

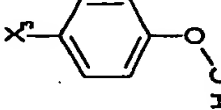
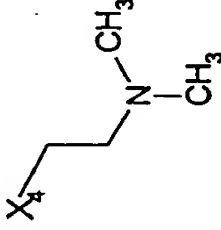
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

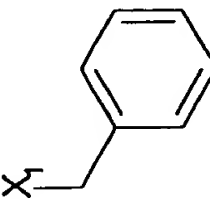
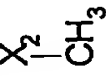
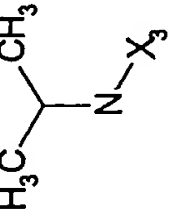
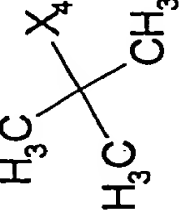
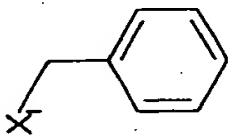
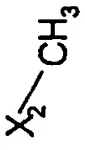
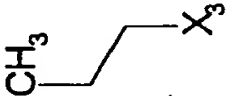
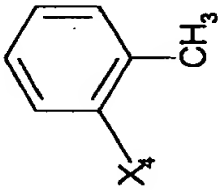
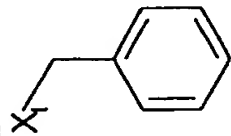
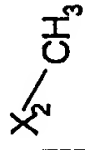
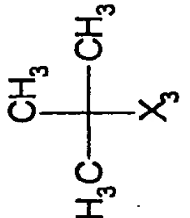
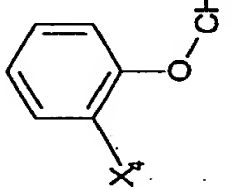
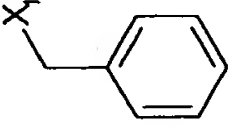

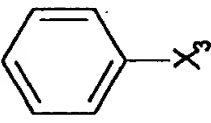
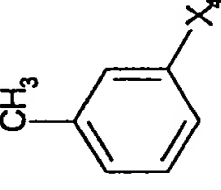
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

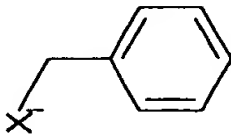
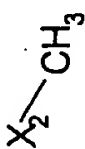
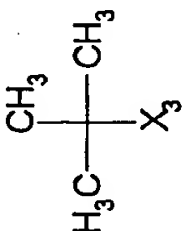
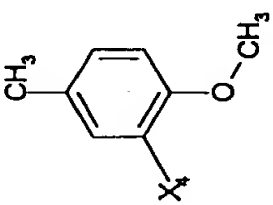
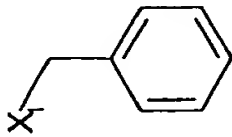
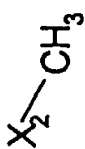
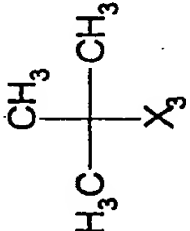
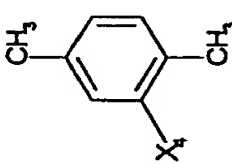
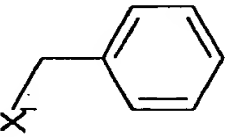
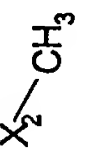
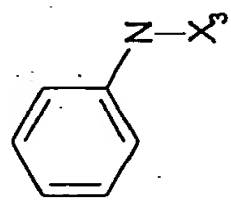
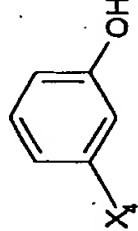
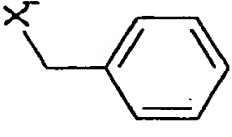

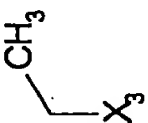
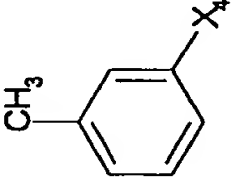
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

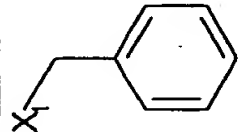
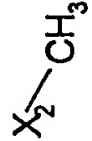
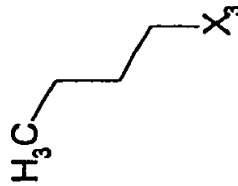
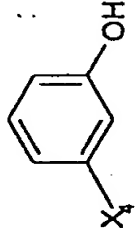
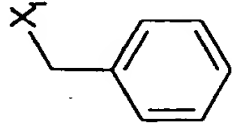
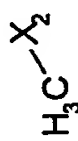
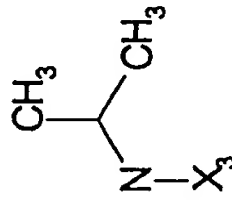
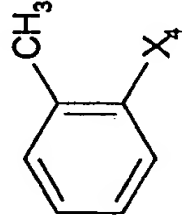
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

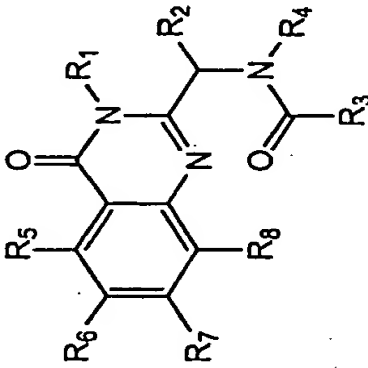
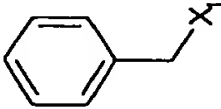

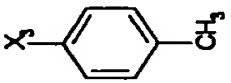
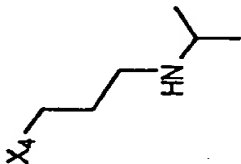

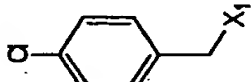

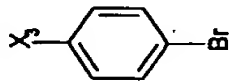
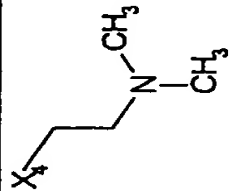

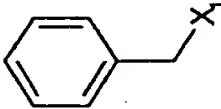


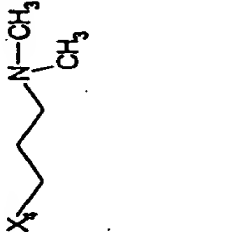

								
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

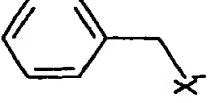


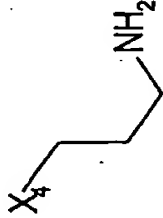

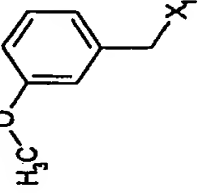


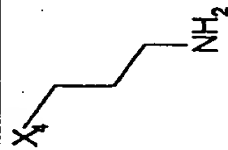

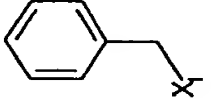


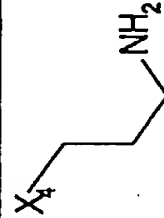

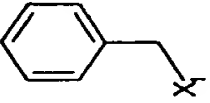
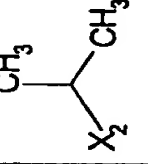
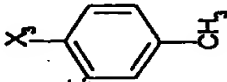
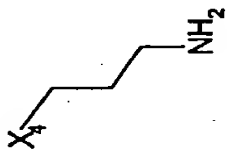

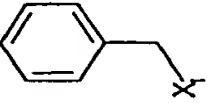


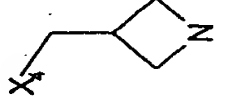

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 1 uM-10 uM

Figure 3 (continued)

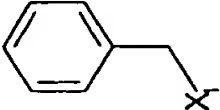

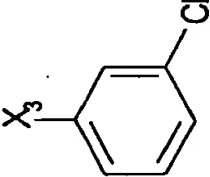
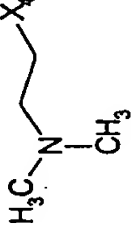

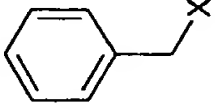

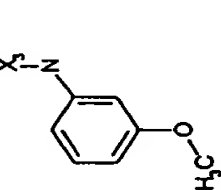
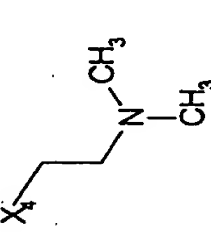
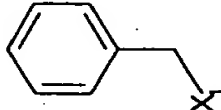

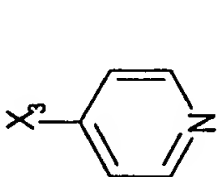
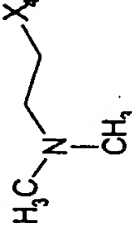

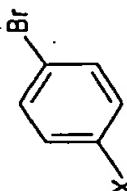

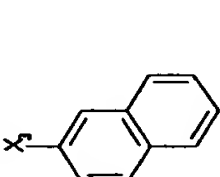
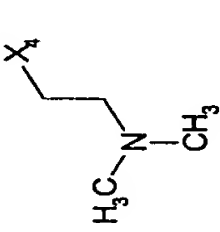
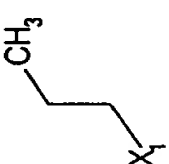

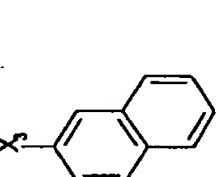
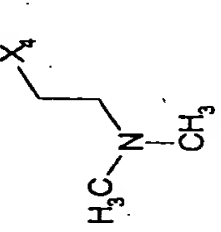
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Figure 3 (continued)

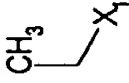

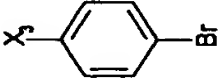
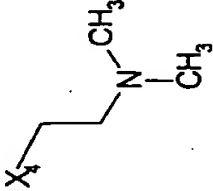

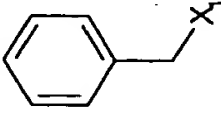


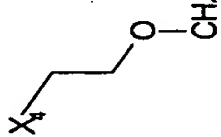

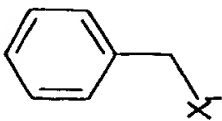

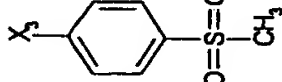
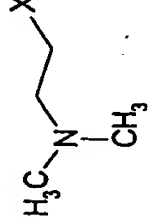

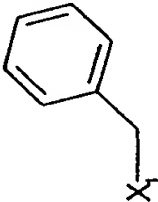

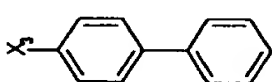
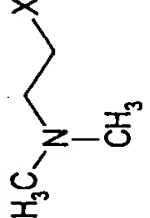

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Figure 3 (continued)

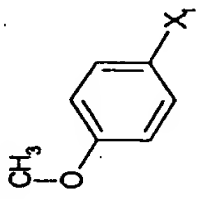

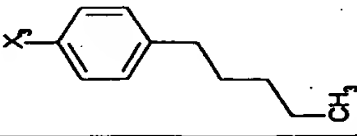
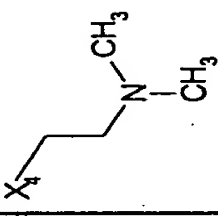

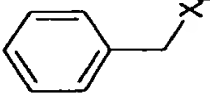

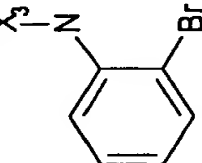
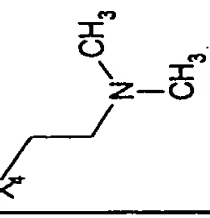
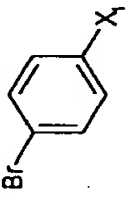

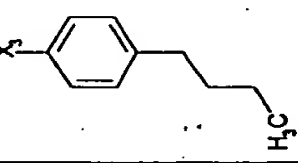
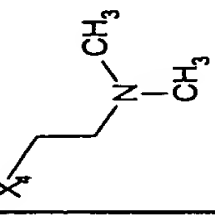
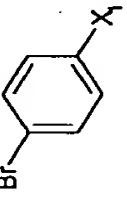

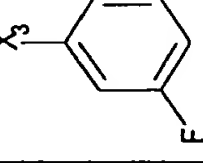
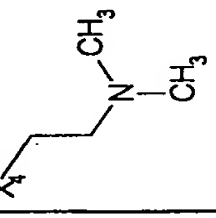
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Figure 3 (continued)

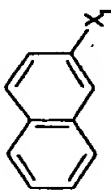
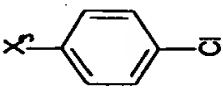
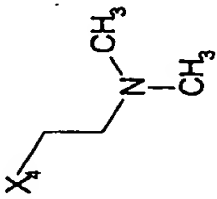
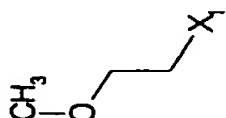
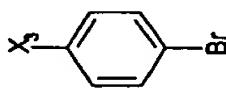
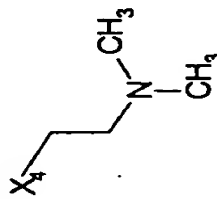
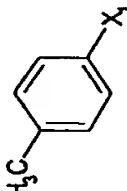



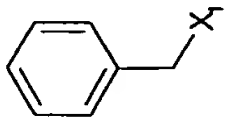
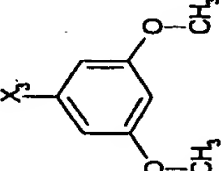
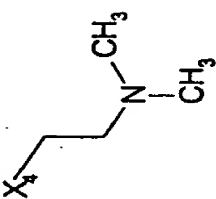
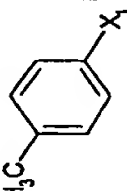
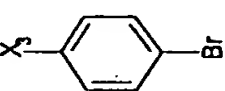
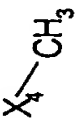

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
	H ₃ C-X ₂							IC50 = 10 uM-50 uM
	H ₃ C-X ₂							IC50 = 10 uM-50 uM
	H ₃ C-X ₂							IC50 = 10 uM-50 uM
	H ₃ C-X ₂							IC50 = 10 uM-50 uM
	H ₃ C-X ₂							IC50 = 10 uM-50 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Figure 3 (continued)

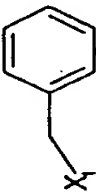
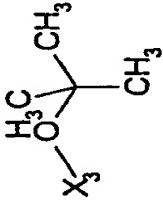
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 10 uM-50 uM

Figure 3 (continued)

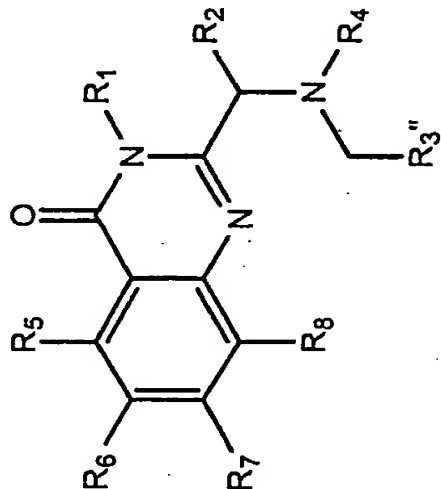
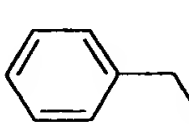

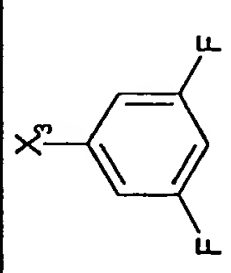
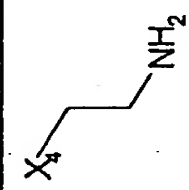
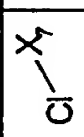
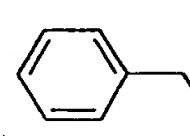

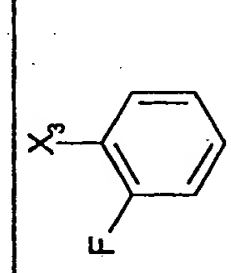
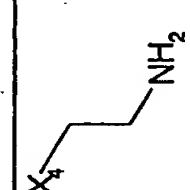
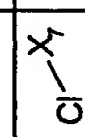
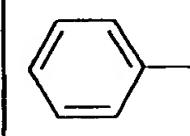

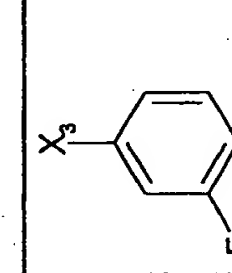
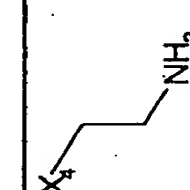

									
R ₁	R ₂	R _{3''}	R ₄	R ₅	R ₆	R ₇	R ₈	Activity	
								Ki < 100 nM	
								Ki < 100 nM	
								Ki < 100 nM	

Figure 3 (continued)

R ₁	R ₂	R ₃ "	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM

Figure 3 (continued)

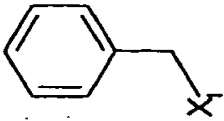

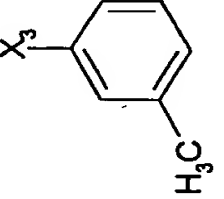
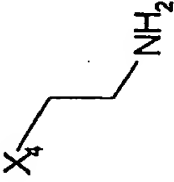

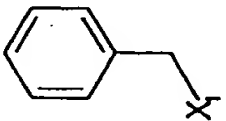

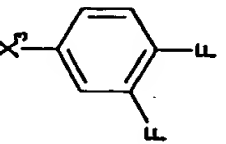
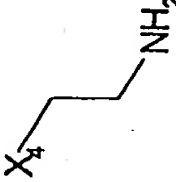

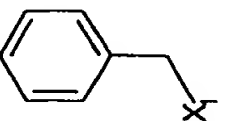

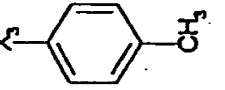
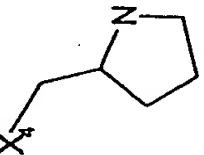

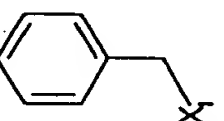

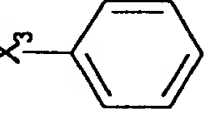
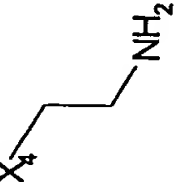

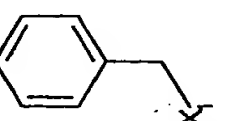

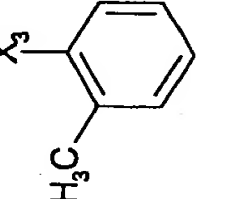
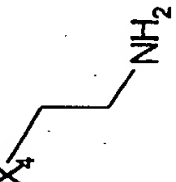

R ₁	R ₂	R ₃ "	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM

Figure 3 (continued)

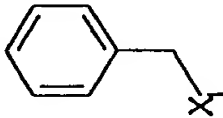


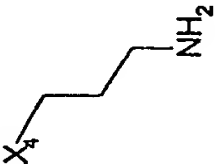

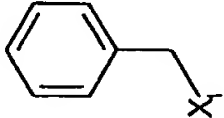

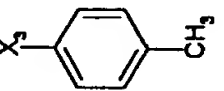
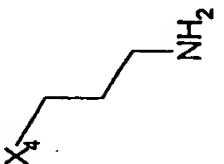

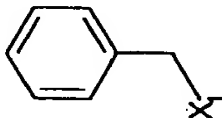

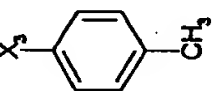
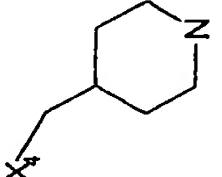

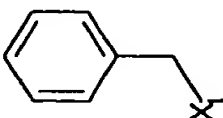

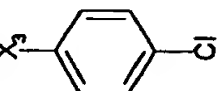
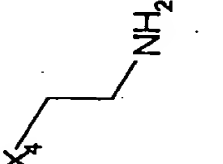

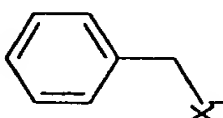

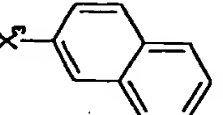
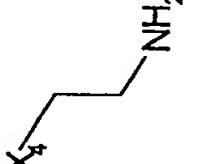

R ₁	R ₂	R ₃ "	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃ "	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃ "	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃ "	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃ "	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM

Figure 3 (continued)

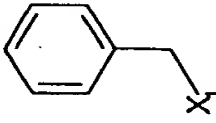

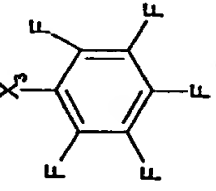
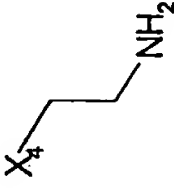
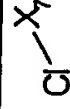
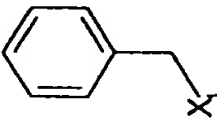

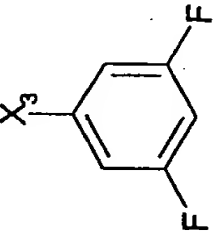
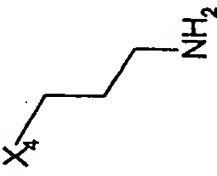
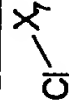
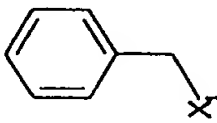

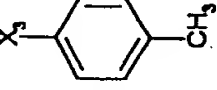
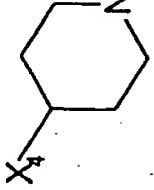
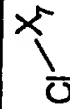
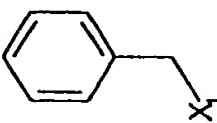

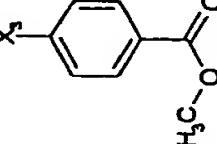
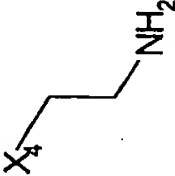
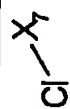
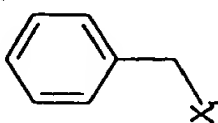

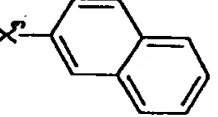
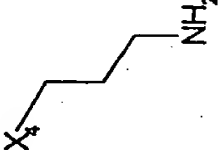
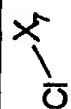
R ₁	R ₂	R ₃ "	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM

Figure 3 (continued)

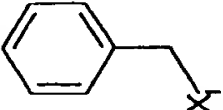

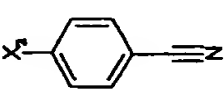
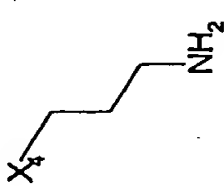

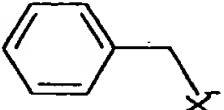

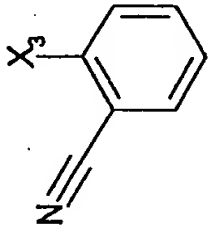
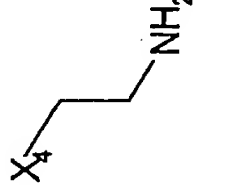

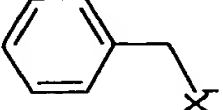

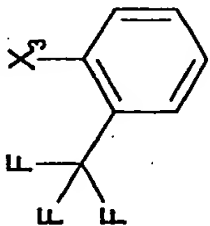
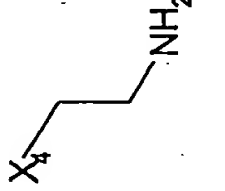

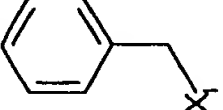

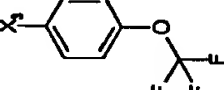
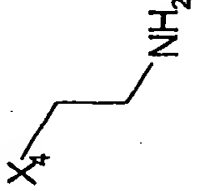

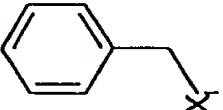

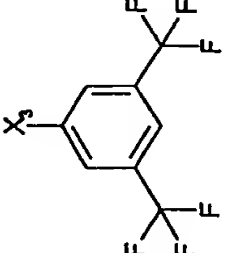
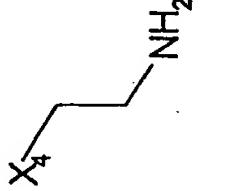

R ₁	R ₂	R ₃ ^{''}	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki = 100 nM-1 uM
								Ki = 100 nM-1 uM

Figure 3 (continued)

R ₁	R ₂	R ₃ "	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								Ki = 100 nM-1 uM
								Ki = 100 nM-1 uM
								Ki = 100 nM-1 uM
								Ki = 1 uM-10 uM
								Ki = 1 uM-10 uM

Figure 4: Asymmetric Synthesis

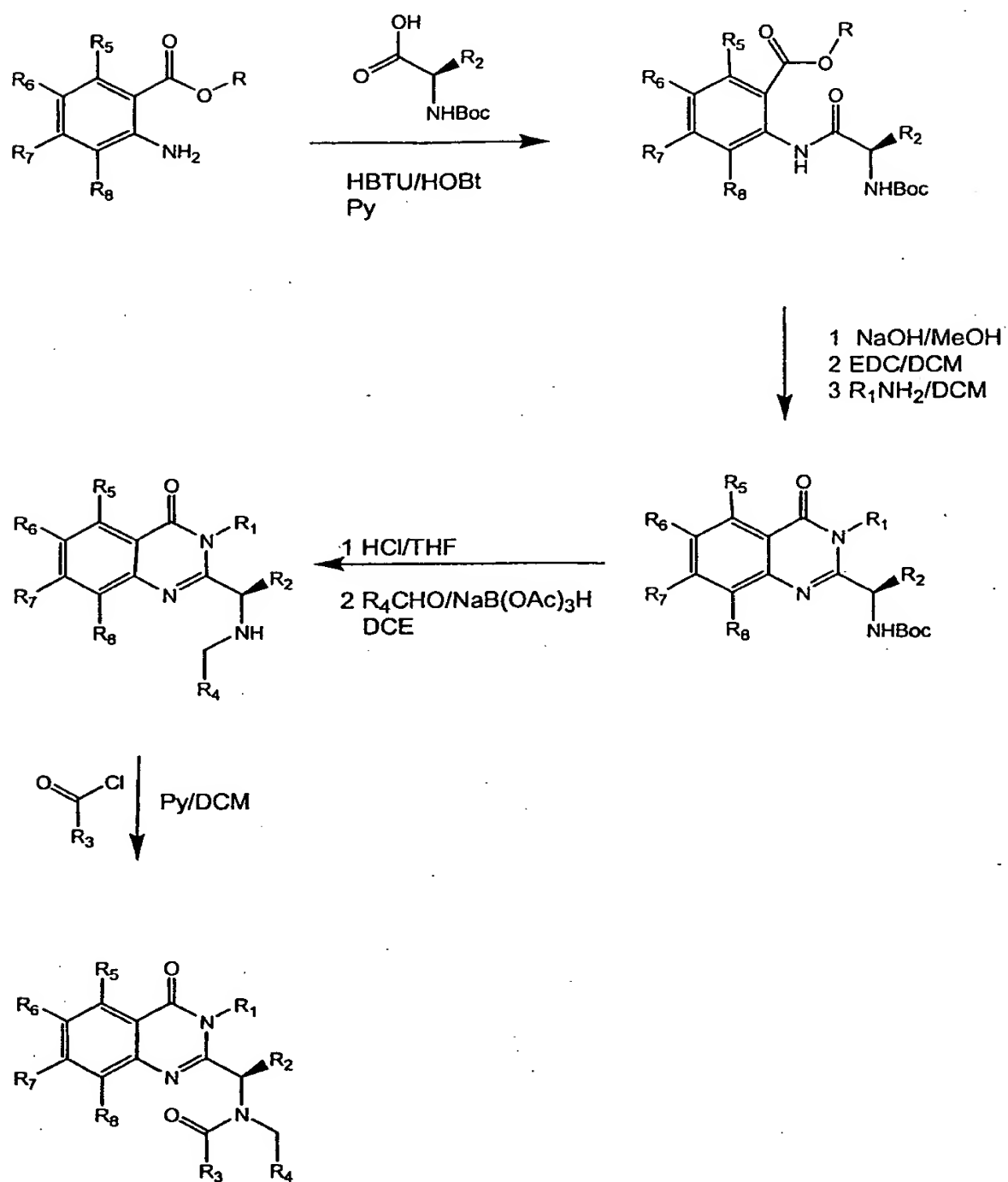
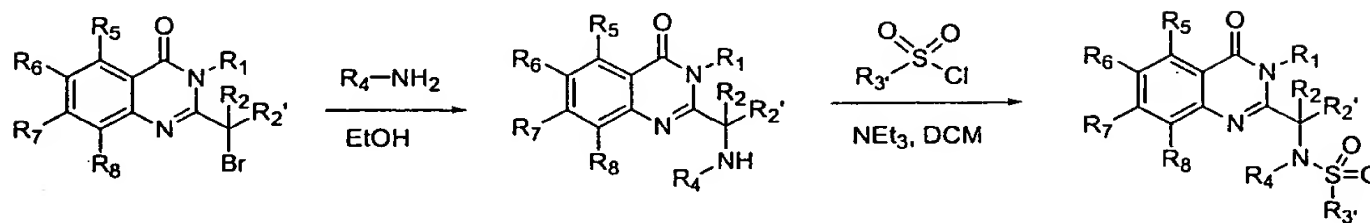


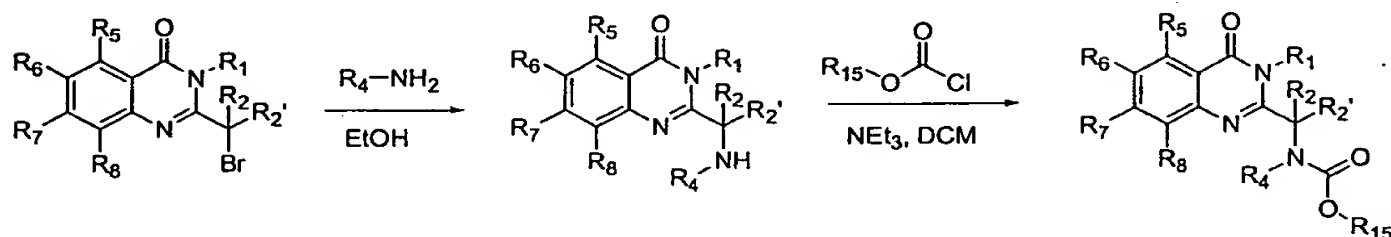
Figure 5

Figure 5a: Sulfonamide Synthesis



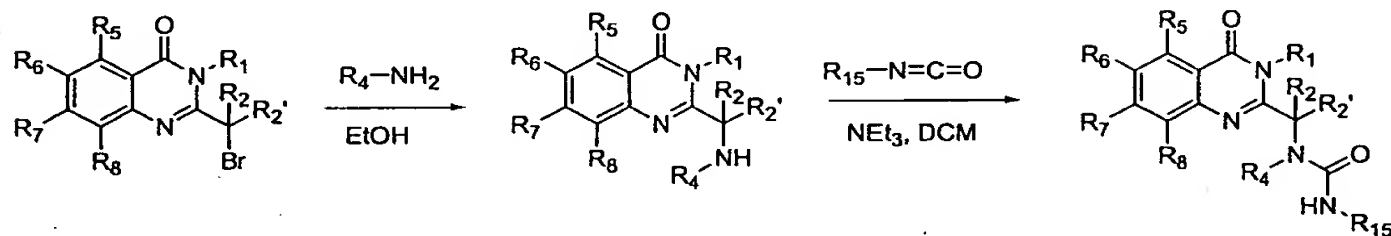
5

Figure 5b: Carbamate Synthesis



10

Figure 5c: Urea Synthesis



15

Figure 5d: Primary and Secondary Amine R4 Synthesis

